

NSTec – National Nuclear Security Site (NNSS) Support to Nuclear Criticality Safety Program NNSS IE1 Subtask 1

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Nevada National Security Site

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Mission

- Provide personnel and equipment to support NCSP performance of critical, subcritical, and fundamental physics measurements, and maintain a fundamental nuclear materials handling capability which enables hands-on nuclear criticality safety training programs and various other programs for the Department of Energy NCSP and other government agencies.
 - Radiological Control Technicians (RCTs)
 - Facility Operations Specialists (Operations Technicians)
 - Facility Coordinator (Operations Controller)
 - Emergency Management support
 - Material Control and Accountability (MC&A) support
- Provide support to approximately 20-30 Integral Experiments each fiscal year.

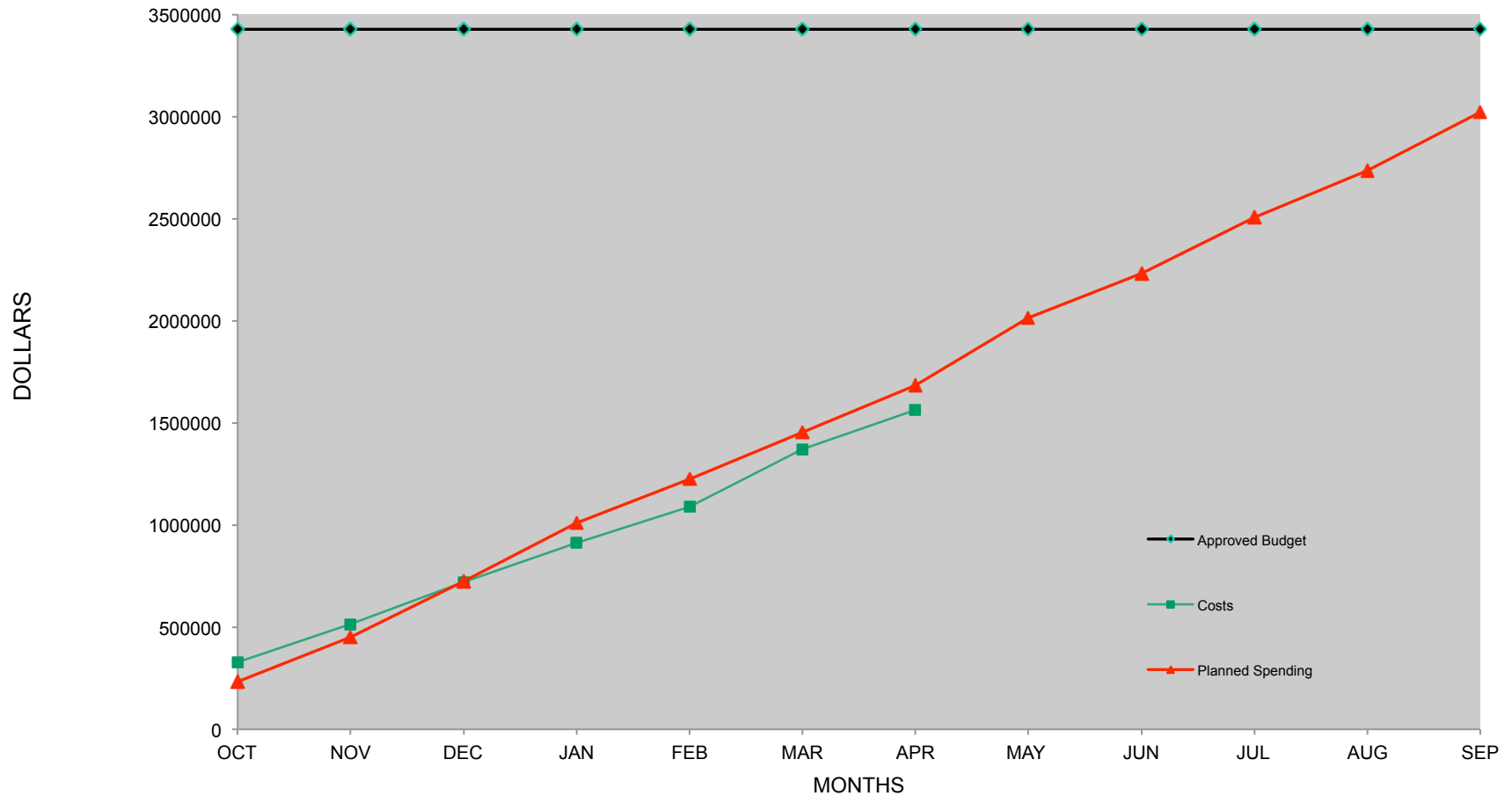


Major Accomplishments

- Provided support to OPSIS experiment.
 - Installed and stood up Emergency Communications Network (ECN) Node at the Device Assembly Facility (DAF).
- Provided facility and support to Idaho National Laboratory (INL) Zero Power Plutonium Reactor (ZPPR) efforts at Warehouse 06-150.
- Provided facility and support to Lawrence Livermore National Laboratory (LLNL) Nuclear Accident Dosimetry (NAD) Laboratory efforts at Warehouse 23-703.
- Supported 19 Integral Experiment Requests (IERs) and 41 separate activities to date.
 - 7 NCSP IERs
 - 12 Non-NCSP IERs



Funding Status



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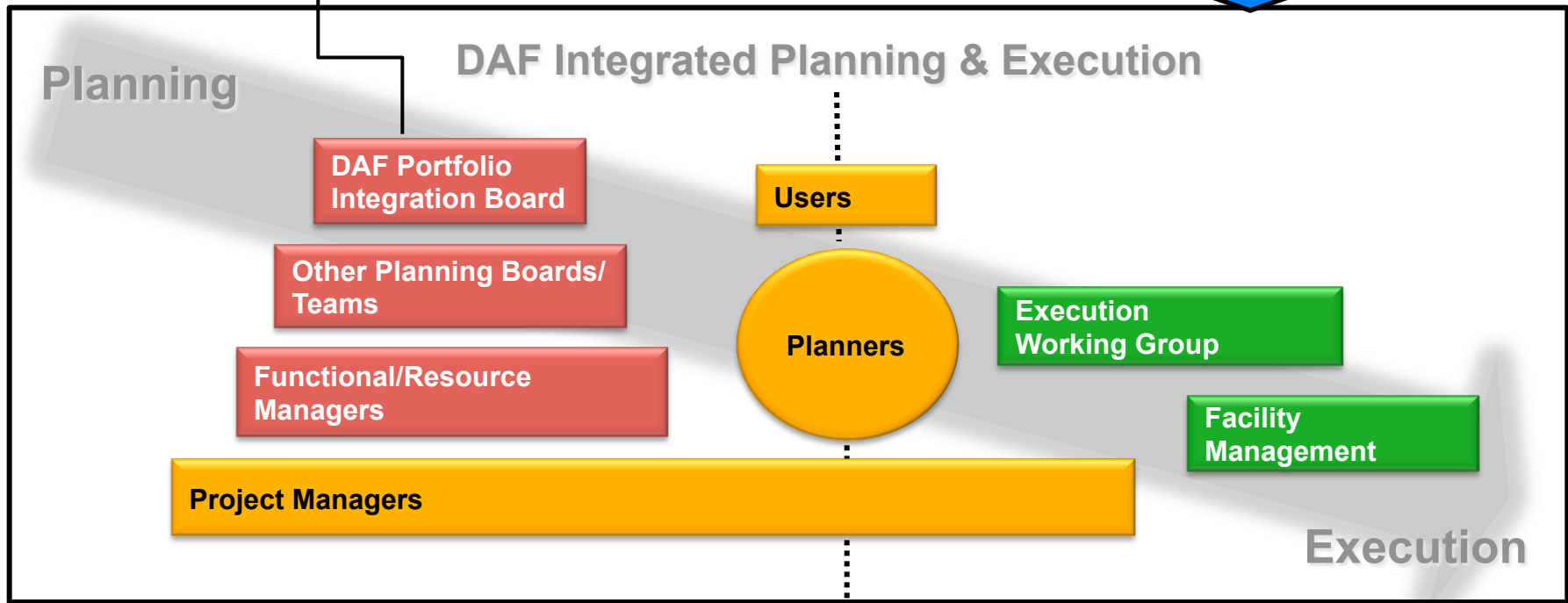
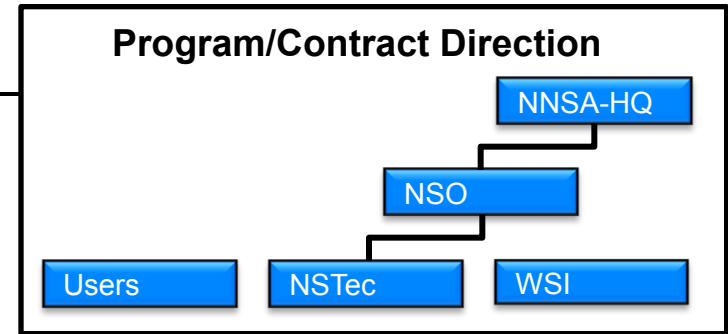
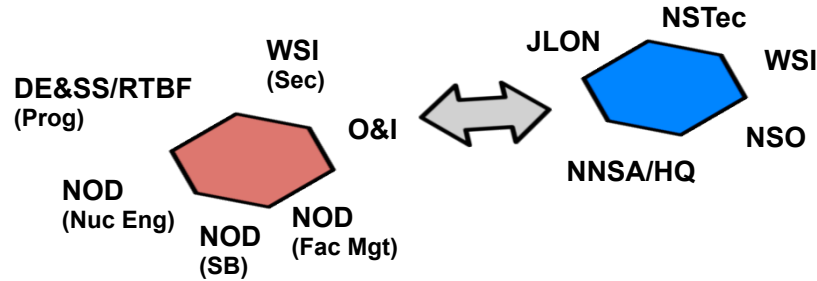
Non-NCSP IER Support

- Los Alamos National Laboratory – ICO 214971
 - NA-42
 - DTRA
 - NCNS
- Lawrence Livermore National Laboratory – MPO B603579
 - FBI (initial class cancelled)
- Lawrence Livermore National Laboratory – MPO B604816
 - DTRA



DAF Integrated Planning Process - Roles and Responsibilities

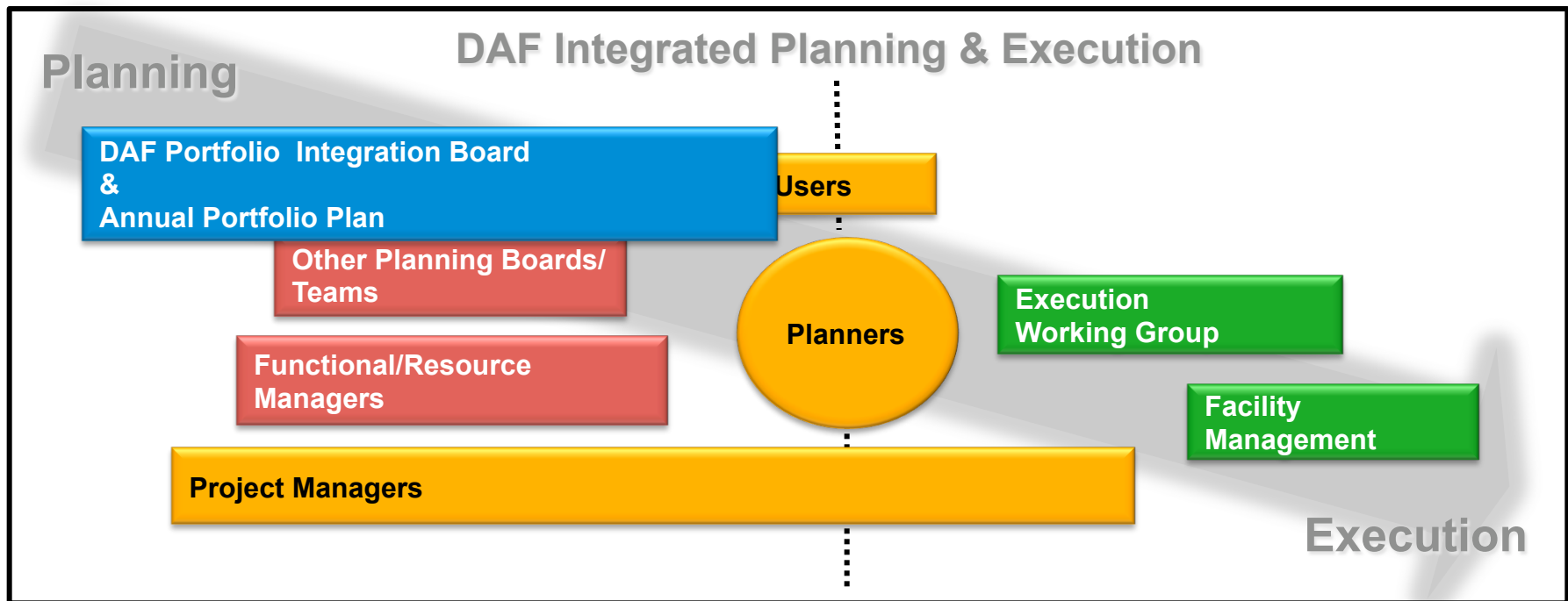
DAF Portfolio Integration Board Executive Session



Organization/Roles and Responsibilities

Portfolio Integration Board (PIB)

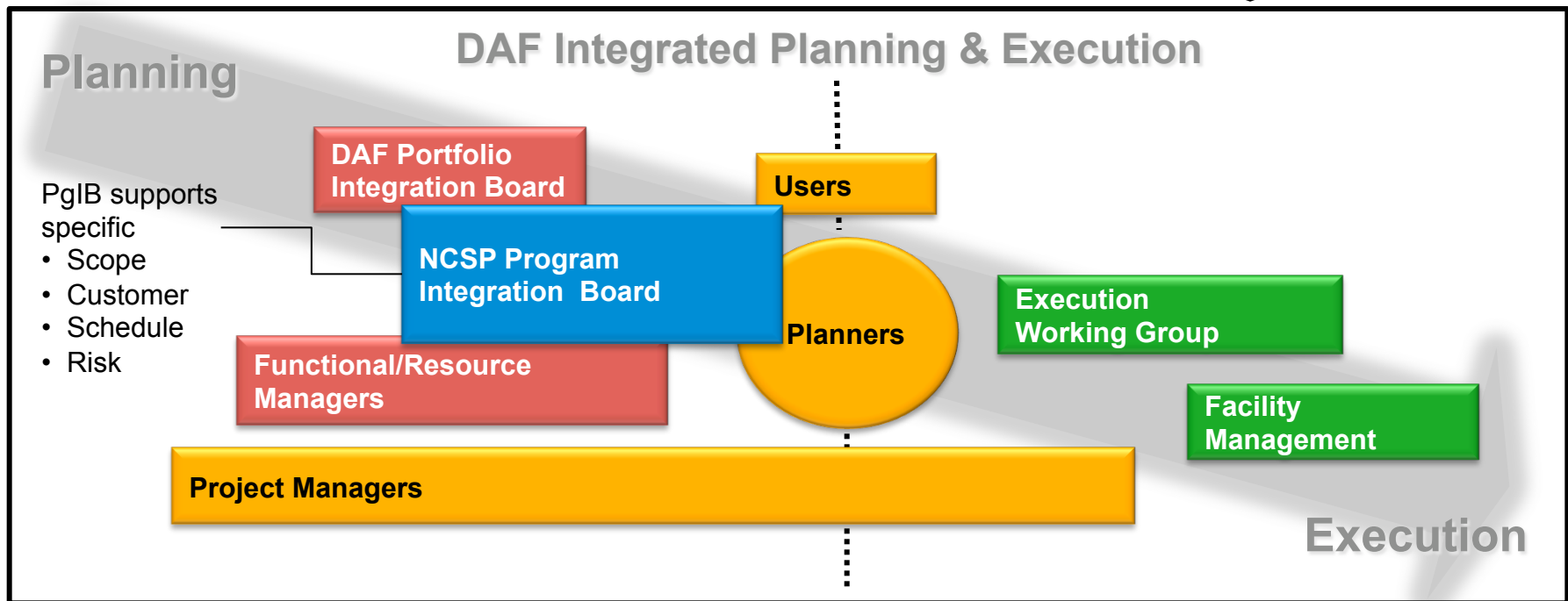
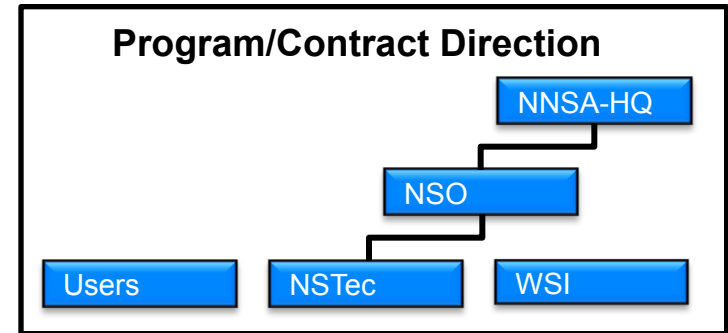
- Comprised of key contractor managers
- Translates NNSA mission priorities into an integrated and comprehensive plan of mission work, operations, and facility initiatives (Annual Portfolio Plan [APP])
- Optimizes and governs work load (through the APP) executed in DAF
- Serves as primary interface to NNSA, contractor, and user management



Organization/Roles and Responsibilities

Planning Boards/Teams

- DAF **Portfolio** Integration Board (PIB)
 - Safety Basis **Program** Integration Board (PgIB)
 - Fire Protection Systems PgIB
 - NCSP PgIB
 - Security Projects Integrated Project Team (IPT)
 - Other scope reports directly to PIB



Issues

- Safety Basis Revisions
 - Change Notice 4 (Pu Operations)
- Timeliness of Schedule Change Requests
 - Integration with Construction Initiatives, Maintenance, and General Day-to-Day Operations
- Lack of IER Specificity
 - What preparations/actions need to be made/completed prior to scheduled execution?



Questions?



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